

Recombinant Mouse Tph2 Protein, His/GST-tagged

Cat. No. Tph2-455M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tph2(Met1~Ser138) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Ser138
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	45.6kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 92%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in PBS or others.

GENE INFORMATION

Gene Name Tph2 tryptophan hydroxylase 2 [*Mus musculus*]

Official Symbol Tph2

Synonyms TPH2; tryptophan hydroxylase 2; tryptophan 5-hydroxylase 2; tryptophan 5-monoxygenase 2; neuronal tryptophan hydroxylase; Ntph; AU043594; MGC159133;

Gene ID 216343

mRNA Refseq NM_173391

Protein Refseq NP_775567

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